

PATENT ABSTRACTS OF JAPAN

(11)Publication number : 64-084297

(43)Date of publication of application : 29.03.1989

(51)Int.Cl. G09G 3/20
G09F 9/30

(21)Application number : 62-243197 (71)Applicant : TOSHIBA CORP

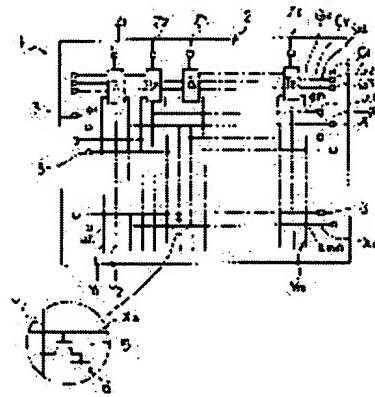
(22)Date of filing : 28.09.1987 (72)Inventor : KAJIMURA MOTOJI
KASAHARA KOICHI

(54) DISPLAY DEVICE

(57)Abstract:

PURPOSE: To reduce the number of external connection terminals of signal electrode lines by dividing a plurality of signal electrode lines into a plurality of sets and supplying signals corresponding to respective signal electrode lines to each set in time division.

CONSTITUTION: Signal electrode lines Y₁, Y₂...Y_m to which display signals are inputted are provided in the longitudinal direction on a substrate 2 of a liquid crystal display device 1 and divided into a plurality of sets by three through demultiplexers T₁ to T₁ consisting of thin film transistors(TFT). At least a signal transmission means is provided which supplies signals corresponding to signal electrode lines Y₁ to Y_m to each set in time division. Thus, the number of external connection terminals Z₁ to Z₁ of a plurality of signal electrode lines Y₁ to Y_m is reduced, and driving operations of prescribed display electrodes in parts where a plurality of signal electrode lines Y₁ to Y_m and a plurality of scanning electrode lines X_i to X_n cross each other are stabilized.



BEST AVAILABLE COPY

LEGAL STATUS

[Date of request for examination]

[Date of sending the examiner's decision of rejection]

[Kind of final disposal of application other than the examiner's decision of rejection or application converted registration]

[Date of final disposal for application]

[Patent number]

[Date of registration]

[Number of appeal against examiner's decision of rejection]

[Date of requesting appeal against examiner's decision of rejection]

[Date of extinction of right]

Copyright (C); 1998,2003 Japan Patent Office